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| <b>Substitute for form 1449A/B/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   | <b>Complete If Known</b> |                       |                        |                 |
|   |   | Application Number       | 09/916611-Conf. #2968 |                        |                 |
|   |   | Filing Date              | July 27, 2001         |                        |                 |
|   |   | First Named Inventor     | Johnnie R. Roberts    |                        |                 |
|   |   | Art Unit                 | 1616                  |                        |                 |
|   |   | Examiner Name            | A. Pryor              |                        |                 |
| Sheet   | 1 | of                       | 2                     | Attorney Docket Number | 00306-00142-USU |

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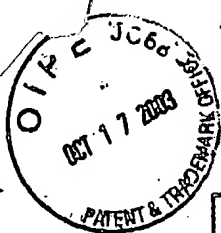
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| U.S. PATENT DOCUMENTS |                          |  |                                   |  |   |
|-----------------------|--------------------------|--|-----------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                   |  |   |
| AW                    | AA                       | US-3755339                               | 08/1973                           | McKendry   |   |
|                       | AB                       | US-3761486                               | 09/1973                           | McGregor   |   |
|                       | AC                       | US-4445925                               | 05/1984                           | Young  |   |
|                       | AD                       | US-4994101                               | 02/1991                           | Young  |   |
|                       | AE                       | US-5118338                               | 06/1992                           | Moller   |   |
|                       | AF                       | US-5268352                               | 12/1993                           | Dexter   |   |
|                       | AG                       | US-5270286                               | 12/1993                           | Ong  |   |
|                       | AH                       | US-5288692                               | 02/1994                           | Young  |   |
|                       | AI                       | US-5317042                               | 05/1994                           | Narayanan  |   |
|                       | AJ                       | US-5565409                               | 10/1996                           | Sato et al.  |   |
|                       | AK                       | US-5668085                               | 09/1997                           | Forbes et al.                                      |   |
|                       | AL                       | US-5707928                               | 01/1998                           | Baker  |   |
|                       | AM                       | US-5994271                               | 11/1999                           | Ravetta et al.                                     |   |
|                       | AN                       | US-6069115                               | 05/2000                           | Pallett et al.                                     |   |
|                       | AO                       | US-6071857                               | 06/2000                           | Vogt et al.  |   |
|                       | AP                       | US-6165939                               | 12/2000                           | Agbaje et al.                                      |   |
|                       | AQ                       | US-6180563                               | 01/2001                           | Ruegg et al.                                       |   |
|                       | AR                       | US-6180566                               | 01/2001                           | Nielsen et al.                                     |   |
|                       | AS                       | US-6187715                               | 02/2001                           | Narayanan et al.                                   |   |
|                       | AT                       | US-6207617                               | 03/2001                           | Gillespie  |   |
|                       | AU                       | US-4971630                               | 11/1990                           | Skaptason  |   |
|                       | AV                       | US-3937826                               | 02/1976                           | Harris   |   |
|                       | AW                       | US-5189414                               | 02/1993                           | Tawara   |   |
|                       | AX                       | US-5221319                               | 06/1993                           | Van Haften et al.                                  |   |
|                       | AY                       | US-5280008                               | 01/1994                           | Cahoy et al.                                       |   |
|                       | AZ                       | US-5328889                               | 07/1994                           | Van Haften et al.                                  |   |
|                       | AA1                      | US-5416067                               | 05/1995                           | Van Haften et al.                                  |   |
|                       | AA2                      | US-4816060                               | 03/1989                           | Steller et al.                                     |   |
|                       | AA3                      | US-6369001                               | 4/2002                            | Jimoh  |   |
|                       | AA4                      | US-4767,448                              | 08/1988                           | Nielsen  |   |
|                       | AA5                      | US-4863506                               | 09/1989                           | Young  |   |
|                       | AA6                      | US-5176736                               | 01/1993                           | Narayanan et al.                                   |   |
|                       | AA7                      | US-5510322                               | 04/1996                           | Young  |   |
| AW                    | AA8                      | US-6355799                               | 03/2002                           | Gupta et al.                                       |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |
|--------------------------|--------------------------|---|-----------------------------------|--|---|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |
| AW                       | BA                       | GB-2267825  | 12/1993                           |  |   |
|                          | BB                       | CA-1225533  | 08/1987                           |  |   |
|                          | BC                       | EP-0334041  | 09/1989                           |  |   |
|                          | BD                       | WO-92/21686   | 12/1992                           |  |   |
|                          | BE                       | DE-2328192  | 01/1974                           |  |   |
|                          | BF                       | GB-2230955  | 11/1990                           |  |   |
| AW                       | BG                       | EP-0243522  | 11/1987                           |  |   |

|                       |          |                    |        |
|-----------------------|----------|--------------------|--------|
| Examiner<br>Signature | A. Pryor | Date<br>Considered | 9/2/04 |
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| Substitute for form 1449/AB/PTO   |   |    |   | Complete If Known      |                       |
|   |   |    |   | Application Number     | 09/916611-Conf. #2968 |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | Filing Date            | July 27, 2001         |
|   |   |    |   | First Named Inventor   | Johnnie R. Roberts    |
|   |   |    |   | Art Unit               | 1616                  |
|   |   |    |   | Examiner Name          | A. Pryor              |
|   |   |    |   | Attorney Docket Number | 00306-00142-USU       |
| Sheet   | 2 | of | 2 |                        |                       |

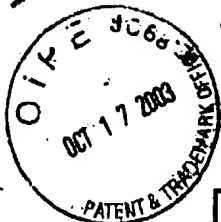
|    |             |         |  |  |  |
|----|-------------|---------|--|--|--|
| BH | EP-0216126  | 04/1987 |  |  |  |
| BI | EP-0100440  | 02/1984 |  |  |  |
| BJ | EP-0433577  | 06/1991 |  |  |  |
| BK | EP-0454968  | 11/1991 |  |  |  |
| BL | WO-96/08150 | 03/1996 |  |  |  |
| BM | WO-01/52650 | 07/2001 |  |  |  |
| BN | WO-00/67571 | 11/2000 |  |  |  |
| BO | WO-02/11536 | 02/2002 |  |  |  |
| BP | WO-94/19941 | 09/1994 |  |  |  |
| BQ | WO-99/55155 | 11/1999 |  |  |  |
| BR | EP-0163598  | 04/1985 |  |  |  |
| BS | EP-0217125  | 04/1987 |  |  |  |
| BT | EP-0641161  | 10/1996 |  |  |  |
| BU | EP-0357553  | 03/1990 |  |  |  |
| BV | EP-0703724  | 02/2002 |  |  |  |
| BW | WO-98/17109 | 04/1998 |  |  |  |
| BX | WO-00/42847 | 07/2000 |  |  |  |

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| NON PATENT LITERATURE DOCUMENTS |                       |   |                |  |
|---------------------------------|-----------------------|---|----------------|--|
| Examiner Initials <sup>1</sup>  | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |  |
| A-47                            | CA                    | PCT/US02/08830 International Search Report  |                |  |
|                                 | CB                    | PCT/US02/08787 International Search Report  |                |  |
|                                 | CC                    | PCT/US02/08952 Annex to Form PCT/ISA/206, Communication Relating to the Results of the Partial International Search   |                |  |
|                                 | CD                    | PCT/US02/08953 Annex to Form PCT/ISA/206, Communication Relating to the Results of the Partial International Search   |                |  |
|                                 | CE                    | Milton J. Rosen, "Surfactants and Interfacial Phenomena," John Wiley & Sons, pp. 239-240 (1978)   |                |  |
|                                 | CF                    | Briggs et al., "Physico-chemical Factors Affecting Uptake by Roots and Translocation to Shoots of Weak Acids in Barley, " Pesticide Science, Vol. 19, pp. 101-112 (1987)  |                |  |
|                                 | CG                    | Wyrill, J.B. et al., "Glyphosate Toxicity to Common Milkweed and Hemp Dogbane as Influenced by Surfactants," Weed Science, Vol. 25, No. 3 pp. 275-287 (May 1977)  |                |  |
|                                 | CH                    | Tomlin, C., Ed., The Pesticide Manual, Tenth Edition, p. 1338, (1995)   |                |  |
|                                 | CI                    | Chemical Abstracts, Turner et al., "Complexing agents as herbicide additives," Weed Res., Vol. 18, No. 4, pp. 199-207 (1978)  |                |  |
|                                 | CJ                    | Chemical Abstracts, McMullan, "Effect of adjuvant and acidifying agent on imazamethabenz efficacy," Can.J.PlantSci., Vol. 72, No. 4, pp. 1389-1392 (1992)   |                |  |
|                                 | CK                    | Chemical Abstracts, Zsoldos et al., "Effects of pH changes on ion and 2,4-D uptake of wheat roots," Dep. Plant Physiol., pp. 77-80 (1978)   |                |  |
|                                 | CL                    | Chemical Abstracts, Shone et al., "Absorption and translocation of 2,4-dichlorophenoxyacetic acid (2,4-D) by barley roots," Annu. Rep. - Agric. Res. Council, pp. 32-33 (1973)  |                |  |
|                                 | CM                    | Chemical Abstracts, Sherrick et al., "Effects of adjuvants and environment during plant development on glyphosate adsorption and translocation in field bindweed," Weed Sci., Vol.  |                |  |

|                    |          |                 |        |
|--------------------|----------|-----------------|--------|
| Examiner Signature | A. Pryor | Date Considered | 9/2/04 |
|--------------------|----------|-----------------|--------|

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|   |   | Examiner Name            | A. Pryor              |                        |                 |
| Sheet   | 3 | of                       | 2                     | Attorney Docket Number | 00306-00142-USU |

|    |  |  |
|----|--|--|
|    | 34, No. 6, pp. 811-816 (1986)              |  |
| CN | PCT/US02/08952-International Search Report |  |
| CO | PCT/US02/08953-International Search Report |  |

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\*Applicant's unique citation designation number (optional). \*Applicant is to place a check mark here if English language Translation is attached.

|                       |                 |                    |        |
|-----------------------|-----------------|--------------------|--------|
| Examiner<br>Signature | <i>A. Pryor</i> | Date<br>Considered | 9/2/04 |
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SERIAL NO.  
09/916,611

APPLICANT: Greg Volgas *et al.*

FILING DATE: 07/27/01

GROUP: 1616

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE  | NAME                    | CLASS   | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|-----------------|-------|-------------------------|---------|----------|-------------------------------|
| <i>AW</i>           | AA | 4,470,840       | 11/84 | Welebir                 | 71/81   |          |                               |
| <i>AW</i>           | AB | 4,995,900       | 02/91 | Futcher                 | 71/92   |          |                               |
| <i>AW</i>           | AC | 5,670,454       | 09/97 | Grossmann <i>et al.</i> | 504/244 |          |                               |

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## FOREIGN PATENT DOCUMENTS

|           |    | DOCUMENT NUMBER | DATE  | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|-----------|----|-----------------|-------|---------|-------|----------|-----------------------|
| <i>AW</i> | BA | 0 371 212       | 06/90 | Europe  |       |          | See AB                |
| <i>f</i>  | BB | 0 554 015       | 08/93 | Europe  |       |          | x                     |
|           | BC | 58 085805       | 05/83 | Japan   |       |          | abstract              |
|           | BD | 2073974         | 02/97 | Russia  |       |          | abstract              |
|           | BE | WO 94/00986     | 01/94 | World   |       |          | x                     |
| <i>AW</i> | BF | WO 97/37978     | 10/97 | World   |       |          | x                     |

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |  |
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| CA |  |  |
| CB |  |  |

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*Altman Pryor*

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